

Claims

1. A Hypertext Markup Language document transmittable to computer controlled display stations from locations remote from said display stations comprising:

- a first set of natural language data conveying a first version of information of a particular content displayable to users at said display stations,
- a first set of tags identifying said first set of natural language data,
- a second set of natural language data conveying a second version of condensed displayable information of the same particular content displayable to users of personal palm-type display computers connected to said remote locations, and
- a second set of tags identifying said second set of natural language data.

2. The Hypertext Markup Language document of Claim 1 wherein said natural language data comprises text data.

3. The Hypertext Markup Language document of Claim 1 wherein said natural language data comprises image data.

1 4. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 system for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web network comprising:
10 a source on said World Wide Web for transmitting a
11 Hypertext Markup Language document including:
12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and
16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations; and
21 a personal palm-type display computer with access to
22 the World Wide Web including:
23 means for accessing said second set of natural
24 language data from a received Hypertext Markup
25 Language document.

1 5. The system of Claim 4 wherein said Hypertext Markup
2 Language document further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

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1 6. The system of Claim 5 wherein said means whereby said
2 personal palm computer accesses the World Wide Web
3 comprises:

4 a browser associated with said personal palm
5 computer including:

6 means responsive said second set of tags to transmit
7 said second set of natural language data to said personal
8 palm computer.

1 7. The system of Claim 5 further including:

2 a receiving display station associated with said
3 personal palm-type display computer, and

4 means whereby said personal palm computer accesses
5 said World Wide Web through said receiving display
6 station.

1 8. The system of Claim 7 wherein said means whereby said
2 personal palm computer accesses the World Wide Web
3 comprises:

4 a browser for said associated receiving display
5 station including:

6 means responsive to said second set of tags to
7 transmit said second set of natural language data to said
8 personal palm computer.

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1 9. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 method for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web comprising:
10 transmitting from a source on said World Wide Web, a
11 Hypertext Markup Language document including:
12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and
16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations; and
21 accessing the World Wide Web with a personal palm-
22 type display computer including the step of:
23 accessing said second set of natural language
24 data from a received Hypertext Markup Language
25 document.

1 10. The method of Claim 9 wherein said Hypertext Markup
2 Language document further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

- 1 11. The method of Claim 10 further including:
2 accessing the World Wide Web through a browser
3 including the step of transmitting said second set of
4 natural language data to said personal palm computer
5 responsive to said second set of tags.
- 1 12. The method of Claim 9 wherein the network further
2 includes a receiving display station associated with said
3 personal palm-type display computer, and the method
4 includes:
5 the further step of accessing the World Wide Web by
6 said personal palm computer through said associated
7 receiving display station.
- 1 13. The method of Claim 12 wherein said step of
2 accessing the World Wide Web by said personal palm
3 computer comprises:
4 accessing the World Wide Web through a browser for
5 said associated receiving display station including the
6 step of:
7 transmitting said second set of natural language
8 data to said personal palm computer responsive to said
9 second set of tags.

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1 16. The computer program of Claim 15 wherein said means
2 whereby said personal palm computer accesses the World
3 Wide Web comprises a browser including:

4 means responsive said second set of tags to transmit
5 said second set of natural language data to said personal
6 palm computer.

1 17. The computer program of Claim 15 wherein said
2 network further includes:

3 a receiving display station associated with said
4 personal palm-type display computer, and

5 means whereby said personal palm computer accesses
6 said World Wide Web through said receiving display
7 station.

1 18. The computer program of Claim 17 wherein said means
2 whereby said personal palm computer accesses the World
3 Wide Web comprises:

4 a browser for said associated receiving display
5 station including:

6 means responsive said second set of tags to transmit
7 said second set of natural language data to said personal
8 palm computer.

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1 19. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 system for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web network comprising:
10 a source on said World Wide Web for transmitting a
11 Hypertext Markup Language document including:
12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and
16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations.

1 20. The system of Claim 18 wherein said Hypertext Markup
2 Language further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

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1 21. In a World Wide Web communication network with user
2 access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents containing information of a
5 particular content represented by text and images, a
6 method for condensing the displayed text/image
7 representations of said particular content to the smaller
8 dimensions of personal palm-type computer displays
9 accessing said World Wide Web comprising:
10 transmitting from a source on said World Wide Web, a
11 Hypertext Markup Language document including:
12 a first set of natural language data conveying
13 a first version of information of a particular
14 content displayable to users at said receiving
15 display stations, and
16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations.

1 22. The method of Claim 20 wherein said Hypertext Markup
2 Language further includes:
3 a first set of tags identifying said first set of
4 natural language data, and
5 a second set of tags identifying said second set of
6 natural language data.

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10      A Hypertext Markup Language document on the World
11      Wide Web including:

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16 a second set of natural language data conveying
17 a second version of condensed displayable
18 information of the same particular content
19 displayable to users of personal palm-type display
20 computers connected to said remote locations; and
21 a personal palm-type display computer with access to
22 the World Wide Web including:

1 24. The system of Claim 22 wherein said Hypertext Markup
2 Language document further includes:

5 / a second set of tags identifying said second set of
6 natural language data.

1 25. The Hypertext Markup Language document of Claim 1
2 further including:

3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and

8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

1 26. The system of Claim 5 wherein the Hypertext Markup
2 Language document further includes:

3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and

8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

1 27. The method of Claim 10 wherein the Hypertext Markup
2 Language document further includes:

3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and

8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

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1 28. The computer program of Claim 15 wherein the
2 Hypertext Markup Language document further includes:
3 at least one additional set of natural language data
4 conveying an additional version of condensed displayable
5 information of the same particular content displayable to
6 users of other personal palm-type display computers
7 connected to said remote locations, and
8 at least one additional set of tags identifying said
9 at least one additional set of natural language data.

1 29. The Hypertext Markup Language document of Claim 1
2 wherein said first set of natural language data includes
3 a portion of said second set of natural language data.

1 30. The system of Claim 5 wherein said first set of
2 natural language data includes a portion of said second
3 set of natural language data.

1 31. The method of Claim 10 wherein said first set of
2 natural language data includes a portion of said second
3 set of natural language data.

1 32. The computer program of Claim 14 wherein said first
2 set of natural language data includes a portion of said
3 second set of natural language data.

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1 33. The system of Claim 6 further including:
2 a proxy server associated with said browser for
3 transmitting proxy condensed versions of Web HTML
4 documents to personal palm-type computers, and
5 means for overriding said proxy servers to thereby
6 permit the accessing by said palm-type computers of said
7 second set of natural language data conveying said second
8 version of condensed displayable data.

1 34. The method of Claim 11 including the further steps
2 of:
3 normally providing a condensed version of Web HTML
4 documents to personal palm-type computers, and
5 overriding said proxy servers to thereby permit the
6 accessing by said palm-type computers of said second set
7 of natural language data conveying said second version of
8 condensed displayable data.